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G Bauer, H Kopetz, W Steiner - Proc. 6th Intl. Symp. on Autonomous Decentralized ..., 2003 - ttagroup.org
 ... C communications controllers must ensure that any frame transmission indicated to be correct by a correct **guardian** will be accepted by a correct **receiver node**. ...

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A Ademaj - Seventh Annual IEEE International Workshop on High ..., 2002 - doi.ieeecomputersociety.org
 ... frame send in the other redundant channel (this channel in protected by another bus **guardian**), will be received as a correct frame at the **receiver nodes**. ...

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G Bauer, H Kopetz, W Steiner - RTLIA 2002 - Citeseer
 ... then discuss the requirements imposed on a **guardian** for TTP ... If a **node** receives a correct frame, it assumes ... are authentic and that sender and **receiver** agree on ...

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J Rushby - Research report, Computer Science Laboratory, SRI ... - Citeseer
 ... 2 Lemma 2 (Bus **Guardian** to Receiver Validity) If a nonfaulty bus **guardian** passes a message, then it will be accepted by all nonfaulty **nodes**. ...

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[Fault containment and error detection in the time-triggered architecture](#)

H Kopetz - Proc. of The 6th International Symposium on ... - csdl.computer.org
 ... within the TTA judges a sending **node** as operational ... flow from a sender to a **receiver** via the ... replicated communication channels, each one with its own **guardian**. ...

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Modular formal analysis of the central guardian in the Time-Triggered Architecture- •psu.edu [PDF]

H Pfeifer, FW Von Henke - Reliability Engineering and System Safety, 2007 - Elsevier
 ... is equipped with its own local bus **guardian**, one for ... of all, we formalise what is expected from a correct **receiver**. If a **node** *r* is non-faulty, we assume that ...

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[PDF] • [Evaluation of fault handling of the time-triggered architecture with bus and star topology](#)

A Ademaj, H Sivencrona, G Bauer, J Torin - Proc. of International Conference on Dependable ..., 2003 - Citeseer

... Thus, a correct receiver node (which is synchronized to the **guardian** with precision

11) will accept any transmission that passes the **guardian**. ...

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A Ademaj, H Sivencrona, G Bauer, J Torin - On the Design and Validation of Fault Containment ...

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CC Wang, GN Sung, CL Wang, PC Chen, MF ... - doi.ieeecomputersociety.org

... into a cluster as an integrating node (configuration, integration ... and the data rate of the receiver can reach ... consumption of the proposed Bus **Guardian** is 3.22 mW ...

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... receiving signals from another processing node of the system, and node guardian

means coupled to the receiver means wherein the node guardian means includes ...

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